

AMENDMENTS TO THE SPECIFICATION

Please replace the present title with the following rewritten title:

**ELECTROMAGNETIC DEVICE WITH COVER FOR PREVENTION OF DAMAGE
TO CONDUCTOR OF ELECTROMAGNETIC DEVICE**

Please replace the third full paragraph on page 1 as follows:

In the drawings, the permanent-magnet-type stepping motor 1, provided in a transmission case (not shown) containing oil, includes a resin casing 2, a resin cylindrical housing 12 connected with the casing 2, a motor body 3 received in the casing 2, a shaft 4 to be rotated by the motor body 3, and a converting structure 31 for converting the rotational movement of the shaft 4 into linear movement. The casing 2 and the housing 12 form a cover.

Please replace the paragraph bridging pages 2 and 3 as follows:

The converting structure 31 includes a threaded part 4a of the shaft 4, a resin guide member 20 disposed at the base end of the rod 16 and coupled with the threaded part 4a, and a metallic stopper 21 for restricting the linear movement of the rod 16 at the other side of the annular stopper 19. The guide member 20 and the stopper 21 include stopper faces 20b and 21a, respectively, perpendicular to the rotational axis of the shaft 4. In Fig. 7, the guide member 20 is provided with rotation-restricting protrusions 20a for restricting rotation of the rod 16 formed extending in the radial directions at the outer periphery of the guide member 20. With this arrangement, the guide member 20 is moved in the axial direction of the shaft 4 by the rotation thereof. The rod 16 is mounted with a resin member 22 to be coupled with the first link ~~30~~101 at the end opposite to the base end of the rod 16.

Please replace the last full paragraph on page 6 as follows:

MS The permanent-magnet-type stepping motor 100 housed in a transmission case (not shown) containing oil includes a resin casing 2, a resin cylindrical housing 12 connected to the casing 2 at an end of the housing 12, a motor body ~~351~~ which is an electromagnetic device disposed in the casing 2, a shaft 4 to be rotated by the motor body ~~351~~, and a converting structure 31 for converting the rotational movement of the shaft into linear movement. The casing 2 and the housing 12 form a cover.

Please replace the paragraph bridging page 6 and 7 with the following rewritten paragraph:

MS The motor body ~~351~~ includes a stator 5 fixed to the casing 2, and a rotor 6 fixed to the shaft 4. The stator 5 includes bobbins 50, a pair of coils 7, each formed with a conductor coated with an outer coating on a copper wire and wound around the bobbin 50, a cover member 52 enclosing the coils 7, coil terminals 8 led out from the coil 7, and connector terminals 9 connected to the coil terminals 8.

Please replace the second full paragraph on page 7 as follows:

MS The rotor 6 includes a bush 10 fixed to the shaft 4 and a hollow cylindrical permanent magnet 11 ~~fixed~~fix to the bush 10.